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STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
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March 21, 1979

Mr. Dwight Crossland
Atlas Minerals
Big Indian Mines
Moab, Utah 84532

RE: Wood Lease Mine
ACT/037/021
Callingham and Sage Mine
ACT/037/023

Dear Mr. Crossland:

The Division has been informed that you are the temporary contact for reclamation work with Atlas Minerals until someone can be found to replace Mr. John Hunerjager.

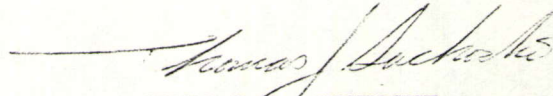
There are several questions that have arisen during the review of the mining and reclamation plans for the Wood Lease and Callingham and Sage mines.

1. The Division would request that a general description of the revegetation program that Atlas Minerals has proposed for all mines be provided, along with a time schedule explaining how these tests are to be accomplished and a statement explaining at what stage your plans are at the present time. The Division would strongly urge the trial use of mulch and fertilizer in the test plots at varying treatments to test their usefulness.

2. The mining and reclamation plans for both the Wood Lease and Callingham and Sage mines state that water bearing strata will be encountered. A pond is called for to handle the water encountered at the Callingham and Sage mines. The Division would like to obtain a map showing the location of the pond as well as the specification of the pond. A construction permit and National Pollutant Discharge Elimination System (NPDES) Discharge permit will be necessary if the structure is put in. These permits are available through application from the Department of Social Services, Division of State Health, Bureau of Water Pollution Control, Room 410, 150 West North Temple, Salt Lake City, Utah 84103. We would also be interested to know if a similar facility will be necessary at the Wood Lease Mine.

We would appreciate hearing from you soon, so that we can complete the approval of these mines. If you have any questions please do not hesitate to contact the Division.

Sincerely,



THOMAS J. SUCHOSKI
RECLAMATION HYDROLOGIST

TJS/te